



GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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Ref: TDMA/WWP/JR/350

Date: 03-08-2023

GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Patrengawa, Block – Mithaura, Distt. – Maharajganj

Drilling Depth (m) : 135.00 mbgl as reported by Driller

Logged Depth (m) : 133.00 mbgl

Date of Logging : 03.08.2023

Types of Log : S.P., Resistivity (Normal) & Natural Gamma

Logger Used : Robertson Geologging..

Bore Hole Drilled by: Kalpataru Power Transmission Ltd.,

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl. No.	Depth Range (m, bgl)	Thickness (m)	Quality & Types of Strata	R _{mf} & R _w
1	30 – 34	4	Good	R _{mf} = 21.64 Ωm R _w = 22.15 Ωm
2	38 – 48	10	Good	
3	60 – 72	12	Good	
4	82 – 86	4	Good	
5	100 – 106	6	Good	
6	108. – 116	8	Good	

Remark : 1. Almost all zones are intermixed with fine bands of kankar.

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(A.K. Singh)
Geophysicist